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Measurement of Quarkonia production at 7 TeV with the CMS experiment

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The measurement of J/ψ and Y production cross section in proton-proton collisions at $\sqrt{s} = 7$ TeV is presented using a data sample collected with the CMS detector at the LHC. We also report the measurement of the ratio of $X(3872)$ and $\psi(2S)$ signal yields.

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